

Title (en)
Power amplifier having monitoring and circuit protection

Title (de)
Leistungsverstärker mit Überwachungsfunktion und Schaltungsschutz

Title (fr)
Amplificateur de puissance avec moniteur et circuit de protection

Publication
EP 0982852 A2 20000301 (EN)

Application
EP 99306544 A 19990819

Priority
US 13764398 A 19980819

Abstract (en)
A power amplifier system is presented for amplifying an RF input signal. The system includes a vector modulator for receiving and modifying an input signal and providing therefrom a modified signal. The system also includes at least one power amplifier the operation of which is monitored and the vector modulator is controlled in accordance with the monitoring. <IMAGE>

IPC 1-7
H03F 1/52; **H03F 3/60**; **H03G 3/20**; **H03F 3/72**

IPC 8 full level
G05B 23/02 (2006.01); **H03F 1/52** (2006.01); **H03F 3/60** (2006.01); **H03G 3/30** (2006.01)

CPC (source: EP US)
H03F 1/52 (2013.01 - EP US); **H03F 3/604** (2013.01 - EP US); **H03G 3/3042** (2013.01 - EP US)

Cited by
EP1248363A2; EP2637301A4; RU208826U1; ITUB20152169A1; EP1425852A4; US8963611B2; US8750810B2; US8674769B2; US8565806B2; WO2011022553A1; WO02060050A3; WO2012080161A1; US9143172B2; EP1248363B1

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